

IN THE SPECIFICATION:

Kindly replace the Title of the Invention with the following:

-- DIENE RUBBERS CONTAINING CARBOXYL GROUPS --

IN THE ABSTRACT

Please replace page 16, a page containing an abstract with the enclosed page that contains a revised Abstract of the Disclosure. A separate page is enclosed herewith.

--DIENE RUBBERS CONTAINING CARBOXYL GROUPS

ABSTRACT OF THE DISCLOSURE

The present invention relates to rubber mixtures containing diene rubber with a concentration of carboxyl groups of 0.1 to 2 wt.% and a glass transition temperature of -120 to -50°C and their mixtures with fillers, optionally further rubbers and rubber auxiliary substances and vulcanisates prepared therefrom. Rubber mixtures according to the invention are suitable for producing highly reinforced, abrasion-resistant moulded items, in particular for producing tire treads which have a particularly high resistance to wet skidding, a high abrasion resistance and a low rolling resistance and also for tire sidewalls with especially good fatigue resistance.--

On page 1, line 3, kindly insert the following:

-- FIELD OF THE INVENTION --.

On page 1, line 12, kindly insert the following:

--BACKGROUND OF THE INVENTION--.

On page 2, line 11, kindly insert the following:

-- SUMMARY OF THE INVENTION --.

On page 11, line 1, kindly insert the following:

--Table 1--.

On page 11, kindly replace Table 1 with the following new Table 1.

--Table 1

	Comparison	Example
	2.A	2.1
in the kneader mixed:		
Buna VSL 5025-1 (37.5 phr mineral oil extended L-SBR, Bayer AG)	61.9	61.9
natural rubber	10	10
polybutadiene rubber Buna CB 45 (Bayer)	45	0
carboxylic group containing BR according example 1 (20 phr oil content)	0	54
mineral oil Enerthene 1849-1 (BP)	20	11
silica Vulkasil S (Bayer AG)	70	70
silane Si (69 (Degussa Hüls)	6	6
carbon black Corax N121 (Degussa Hüls)	10	10
zinc oxide	3	3
stearic acid	1	1
protective wax Antilux 654 (Rheinchemie)	1.5	1.5
antioxidant Vulkanox HS (Bayer AG)	1	1
antioxidant Vulkanox 4020 (Bayer AG)	1	1
On the mill admixed		
N-cyclohexylmercaptobenzthiazolsulfenamide		
Vulkacit CZ (Bayer AG)	1.8	1.8
diphenylguanidine Vulkacit D (Bayer AG)	2	2
sulfur	1.5	1.5

On page 12, line 1, kindly insert the following:

-- Table 2 --.

On page 12, kindly replace Table 2 with the following new Table 2.

A⁴

—

THE UNIVERSITY OF CHICAGO